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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Roger A. Green et al. Art Unit : 2631
 Serial No. : 09/730,781 Examiner : Q. Ghulamali
 Filing Date : December 6, 2003
 Title : Vector Calibration System

Mail Stop Amendment
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

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For the 100% release of this document, please contact the Patent and Trademark Office.

9/17/2004 11:49:29 PM

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CORRECTION TO OFFICE ACTION RESPONSE

Dear Sir:

In correction to the Office Action response filed today, the undersigned notes that claims 68, 69 are apparatus and "means plus function" counterparts to claim 61, not claims 67, 68.

Respectfully submitted,
 NDSU RESEARCH FOUNDATION
 by its representative

Dated: September 7, 2004

Edwin A. Suominen
 Reg. No. 63,174

LOUIS J. HOFFMAN, P.C.
 14614 North Kiernan Boulevard
 Suite 300
 Scottsdale, AZ 85254
 (480) 948-3295

RECEIVED
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DEC 01 2004**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Roger A. Green *et al.* Art Unit: : 2631
Serial No. : 09/730,681 Examiner: : Q. Ghulamali
Filing Date : December 6, 2000
Title : Vector Calibration System

VIA FACSIMILE – 703-872-9306

Attn.: Examiner Qutub Ghulamali
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF TRANSMISSION UNDER 37 CFR 1.6: I hereby certify that this paper is being facsimile transmitted to the United States Patent and trademark Office.	
Fax No. 703-872-9306, on December 1, 2004 before midnight Eastern time.	
by: <u>Ed Suominen</u> (Name)	<u>[Signature]</u> (Signature)

RE-SUBMISSION OF PAPERS

Dear Sir:

Per the undersigned's discussion with the Examiner yesterday, copies of previously submitted documents that were captioned with a serial number having one incorrect digit are re-submitted herewith. (The correct serial number is 09/730,681.) All other identifying information in the documents' captions (applicants, filing date, title, art unit, and examiner) was correct. Despite that, public PAIR indicates that the Office entered one of the documents ("Correction to Office Action Response") into the Image File Wrapper record of an application having the erroneous serial number.

The documents being re-submitted are:

- "Response to Office Action." Originally submitted September 7, 2004, file copy contains 29 pages including Form PTO-2038 (credit card number redacted) and two facsimile confirmation pages.
- "Correction to Office Action Response." Originally submitted September 7, 2004, file copy contains 3 pages including two facsimile confirmation pages.
- "Supplemental Information Disclosure Statement." Originally submitted September 14, 2004, file copy contains 5 pages including two facsimile confirmation pages.

12/03/2004 ZJUHA1 00000033 09730681

01 FC:2201	440.00 OP
02 FC:2202	180.00 OP
03 FC:1999	8.00 OP


A Form PTO-2038 is enclosed in substitute for the original, which was apparently unused by the Office due its also having the wrong serial number. The Office is requested to apply the needed fees only from the enclosed substitute PTO-2038; to enter the re-submitted documents into the file of patent application Serial No. 09/730,681, considering those documents as filed as of their original facsimile transmission dates (pursuant to 37 C.F.R. § 1.6), and to remove the "Correction to Office Action Response" from all records of unrelated patent application Serial No. 09/730,781.

Please note that the re-submitted documents have not been altered, except for the credit card number redaction on the Form PTO-2038. Thus, the re-submitted documents still bear the incorrect serial number, which should be disregarded.

Please feel free to contact the undersigned if it would in any way advance prosecution of this application.

Respectfully submitted,
NDSU RESEARCH FOUNDATION
by its representative

Dated: December 1, 2004



Edwin A. Suominen
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Roger A. Green *et al.* Art Unit: : 2631
Serial No. : 09/730,781 Examiner: : Q. Ghulamali
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Title : Vector Calibration System

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF TRANSMISSION UNDER 37 CFR 1.6: I hereby certify that this paper is being facsimile transmitted to the United States Patent and trademark Office.	
Fax No. 703-872-9314, on September 7, 2004 before midnight Eastern time.	
by: <u>Edwin A. Suominen</u> (Name)	<u>[Signature]</u> (Signature)

CORRECTION TO OFFICE ACTION RESPONSE

Dear Sir:

In correction to the Office Action response filed today, the undersigned notes that claims 68, 69 are apparatus and "means plus function" counterparts to claim 41, not claims 67, 68.

Respectfully submitted,
NDSU RESEARCH FOUNDATION
by its representative

Dated: September 7, 2004

[Signature]
Edwin A. Suominen
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by: <i>Edwin L. Suominen</i>	<i>[Signature]</i>
(Name)	(Signature)

RESPONSE TO OFFICE ACTION

Dear Sir:

Responsive to the Office Action mailed June 7, 2004, assignee submits the following amendments and remarks:

- Amendments to the Claims are reflected in the listing of claims that begins on page 2 of this paper.
- Remarks begin on page 23 of this paper.

Enclosed is a form PTO-2038 authorizing credit card payment of \$628 to cover the fee for 10 additional independent claims and 22 additional claims in total over the number already paid.